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OM protein - protein search, using sw model

Run on: March 22, 2004, 09:26:25 ; Search time 36.4509 Seconds
(without alignments)
816.986 Million cell updates/sec

Title: US-09-620-955b-2

Perfect score: 115

Sequence: 1 QVQLQESGGGLVPGGSLRL.....CARDRYFLNGRGLTVTVSS 115

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 1049977 seqs, 259955339 residues

Word size: 0

Total number of hits satisfying chosen parameters: 458419

Minimum DB seq length: 0

Maximum DB seq length: 115

Post-processing: Listing first 100 summaries

Database: Published Applications AA.*

- 1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
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- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	65	56.5	115	14	US-10-305-347A-7
2	63	54.8	98	12	US-10-453-698-64
3	63	54.8	98	14	US-10-194-975-25
4	63	54.8	98	15	US-10-308-817-65
5	63	54.8	98	15	US-10-308-817-65
6	63	54.8	98	15	US-10-032-037B-74
7	63	54.8	98	15	US-10-032-037B-74
8	63	54.8	98	15	US-10-032-037B-74
9	63	54.8	98	15	US-10-029-988B-74
10	63	54.8	98	15	US-10-029-988B-74
11	63	54.8	98	15	US-10-032-423A-76
12	63	54.8	98	15	US-10-032-423A-76
13	63	54.8	98	15	US-10-032-423A-76
14	62	53.9	98	12	US-10-453-698-63
15	62	53.9	98	12	US-10-453-698-63

16	62	53.9	98	14	US-10-194-975-23
17	62	53.9	98	14	US-10-194-975-23
18	62	53.9	98	15	US-10-308-817-63
19	62	53.9	98	15	US-10-308-817-63
20	62	53.9	98	15	US-10-032-037B-80
21	62	53.9	98	15	US-10-032-037B-80
22	62	53.9	98	15	US-10-029-988B-80
23	62	53.9	98	15	US-10-032-423A-80
24	61	53.0	113	10	US-09-791-153A-63
25	46	40.0	98	12	US-10-078-958-7
26	46	40.0	98	12	US-10-453-698-66
27	46	40.0	98	14	US-10-194-975-26
28	46	40.0	98	14	US-10-041-860-4
29	46	40.0	98	14	US-10-041-860-283
30	46	40.0	98	14	US-10-041-860-284
31	46	40.0	98	14	US-10-041-860-307
32	46	40.0	98	14	US-10-041-860-308
33	46	40.0	98	14	US-10-041-860-330
34	46	40.0	98	15	US-10-308-817-66
35	46	40.0	98	15	US-10-032-037B-81
36	46	40.0	98	15	US-10-029-988B-81
37	45	40.0	98	15	US-10-032-423A-81
38	45	40.0	109	15	US-10-309-764-1
39	41	35.7	102	10	US-09-972-656-127
40	41	35.7	98	9	US-09-864-761-44343
41	40	34.8	98	14	US-10-041-860-332
42	40	34.8	97	12	US-10-453-698-70
43	40	34.8	97	12	US-10-453-698-72
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53	40	34.8	97	15	US-10-029-988B-69
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57	40	34.8	102	10	US-09-972-656-127
58	40	34.8	113	9	US-09-056-160B-11
59	40	34.8	113	11	US-09-795-798-6
60	39	33.9	96	14	US-10-234-671-11
61	39	33.9	98	9	US-09-822-698A-18
62	39	33.9	98	12	US-10-453-698-62
63	39	33.9	98	14	US-10-194-975-22
64	39	33.9	98	14	US-10-125-687-19
65	39	33.9	98	14	US-10-010-942B-10
66	39	33.9	98	15	US-10-308-817-62
67	39	33.9	98	15	US-10-032-037B-77
68	39	33.9	98	15	US-10-029-988B-77
69	39	33.9	98	15	US-10-032-423A-77
70	39	33.9	109	15	US-10-309-764-17
71	39	33.9	112	14	US-10-010-723-15
72	38	33.0	108	14	US-10-026-925-24
73	36	31.3	113	15	US-10-309-764-2
74	35	30.4	98	14	US-10-194-975-30
75	32	27.8	32	9	US-09-855-271-21
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77	32	27.8	32	9	US-09-875-221A-123
78	32	27.8	32	9	US-09-563-221A-123
79	31	27.0	32	9	US-09-736-371B-24
80	31	27.0	32	15	US-10-463-443-24
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87	29	25.2	98	15	US-10-029-988B-82
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Sequence 7, Appl
Sequence 66, Appl
Sequence 4, Appl
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Sequence 330, App
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Sequence 1, Appl
Sequence 126, App
Sequence 44343, A
Sequence 332, App
Sequence 72, Appl
Sequence 29, Appl
Sequence 31, Appl
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Sequence 15, Appl
Sequence 24, Appl
Sequence 30, Appl
Sequence 21, Appl
Sequence 123, App
Sequence 123, App
Sequence 152, App
Sequence 24, Appl
Sequence 202, App
Sequence 91, Appl
Sequence 68, Appl
Sequence 28, Appl
Sequence 82, Appl
Sequence 82, Appl

89 29 25.2 11.4 15 US-10-309-762-145 Sequence 145, Appl
90 27 23.5 72 14 US-10-026-925-53 Sequence 53, Appl
91 27 23.5 97 12 US-10-453-698-58 Sequence 58, Appl
92 27 23.5 97 14 US-10-194-975-18 Sequence 18, Appl
93 27 23.5 97 15 US-10-308-817-58 Sequence 58, Appl
94 27 23.5 97 15 US-10-032-037B-78 Sequence 78, Appl
95 27 23.5 97 15 US-10-029-988B-78 Sequence 78, Appl
96 27 23.5 97 15 US-10-032-423A-78 Sequence 78, Appl
97 27 23.5 98 12 US-10-453-698-55 Sequence 55, Appl
98 27 23.5 98 12 US-10-453-698-71 Sequence 71, Appl
99 27 23.5 98 12 US-10-453-698-75 Sequence 75, Appl
100 27 23.5 98 13 US-10-066-895-4 Sequence 4, Appl

ALIGNMENTS

RESULT 1
US-10-305-347A-7
; Sequence 7, Application US/10305347A
; Publication No. US20030143603A1
; GENERAL INFORMATION:
; APPLICANT: Giles-Komar, Jill
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES, COMPOSITIONS, METHODS AND USES
; FILE REFERENCE: CEN5005
; CURRENT APPLICATION NUMBER: US/10/305,347A
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver 3.0
; SEQ ID NO 7
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Homo sapiens
* US-10-305-347A-7

Query Match 56.5%; Score 65; DB 14; Length 115;
Best Local Similarity 100.0%; Pred. No. 5.2e-52;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQNSLRADTAVYY 95
DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQNSLRADTAVYY 95
QY 96 CARDR 100
DB 96 CARDR 100

RESULT 2
US-10-453-698-64
; Sequence 64, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; PRIOR FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-64

Query Match 54.8%; Score 63; DB 12; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQNSLRADTAVYY 95
DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQNSLRADTAVYY 95
QY 96 CARDR 100
DB 96 CARDR 100

Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQNSLRADTAVYY 95
QY 96 CAR 98
Db 96 CAR 98

RESULT 3

US-10-194-975-24
; Sequence 24, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; PRIOR FILING DATE: 2002-10-10
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-24

Query Match 54.8%; Score 63; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQNSLRADTAVYY 95
DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQNSLRADTAVYY 95
QY 96 CAR 98
DB 96 CAR 98

RESULT 4

US-10-308-817-64
; Sequence 64, Application US/10308817
; Publication No. US20030219861A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; PRIOR FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-308-817-64

Query Match 54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQNSLRADTAVYY 95
DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQNSLRADTAVYY 95
QY 96 CAR 98
DB 96 CAR 98

RESULT 5

US-10-032-037B-74
; Sequence 74, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 74
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-74

Query Match 54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
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QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
Db |||||
QY 96 CAR 98
Db |||||
QY 96 CAR 98

RESULT 6
US-10-032-037B-75
; Sequence 75, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 75
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-75

Query Match 54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
Db |||||
QY 96 CAR 98
Db |||||
QY 96 CAR 98

RESULT 7
US-10-032-037B-76
; Sequence 76, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.

; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 76
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-76

Query Match 54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db |||||
QY 96 CAR 98
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QY 96 CAR 98

RESULT 8
US-10-029-988B-74
; Sequence 74, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 74
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-74

Query Match 54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
Db |||||
QY 96 CAR 98
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QY 96 CAR 98

RESULT 9
US-10-029-988B-75
; Sequence 75, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; CURRENT FILING DATE: 2001-12-31

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; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 75
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-75

Query Match      54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
QY 96 CAR 98
Db 96 CAR 98

RESULT 10
US-10-029-988B-76
; Sequence 76, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 76
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-76

Query Match      54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
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QY 96 CAR 98
Db 96 CAR 98

RESULT 11
US-10-032-423A-74
; Sequence 74, Application US/10032423A
; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032,423A
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
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; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-423A-74

Query Match      54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
QY 96 CAR 98
Db 96 CAR 98

RESULT 12
US-10-032-423A-75
; Sequence 75, Application US/10032423A
; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032,423A
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 75
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-423A-75

Query Match      54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
QY 96 CAR 98
Db 96 CAR 98

RESULT 13
US-10-032-423A-76
; Sequence 76, Application US/10032423A
; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032,423A
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 76
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-423A-76
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Query Match 54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQNSLRADTAVY 95
DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQNSLRADTAVY 95

QY 96 CA 98
DB 96 CA 98

RESULT 14

US-10-453-698-63
; Sequence 63, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 63
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-63

Query Match 53.9%; Score 62; DB 12; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQNSLRADTAVY 95
DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQNSLRADTAVY 95

QY 96 CA 97
DB 96 CA 97

RESULT 15

US-10-453-698-65
; Sequence 65, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 65
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-65

Query Match 53.9%; Score 62; DB 12; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQNSLRADTAVY 95
DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQNSLRADTAVY 95

QY 96 CA 97
DB 96 CA 97

RESULT 16

US-10-194-975-23
; Sequence 23, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 23
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-23

Query Match 53.9%; Score 62; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQNSLRADTAVY 95
DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQNSLRADTAVY 95

QY 96 CA 97
DB 96 CA 97

RESULT 17

US-10-194-975-25
; Sequence 25, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 25
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-25

Query Match 53.9%; Score 62; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQNSLRADTAVY 95
DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQNSLRADTAVY 95

QY 96 CA 97
DB 96 CA 97

RESULT 18

US-10-308-817-63
; Sequence 83, Application US/10308817
; Publication No. US20030219861A1
; GENERAL INFORMATION:

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; APPLICANT: Rother, Russell
; APPLICANT: Wu, Dayang
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; CURRENT FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 63
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-308-817-63

Query Match      53.9%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMNSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMNSLRAEDTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 19
US-10-308-817-65
; Sequence 65, Application US/10308817
; Publication No. US20030219861A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; APPLICANT: Wu, Dayang
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; CURRENT FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 65
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-308-817-65

Query Match      53.9%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMNSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMNSLRAEDTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 20
US-10-032-037B-80
; Sequence 80, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 80
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 80
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-80

Query Match      53.9%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMNSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMNSLRAEDTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 21
US-10-029-988B-80
; Sequence 80, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 80
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-80

Query Match      53.9%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMNSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMNSLRAEDTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 22
US-10-032-423A-80
; Sequence 80, Application US/10032423A
; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032,423A
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 80
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
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US-10-032-423A-80

Query Match 53.9%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
|||
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
QY 96 CA 97
|||
Db 96 CA 97

RESULT 23

US-09-791-153A-63
; Sequence 63, Application US/097911153A
; Publication No. US20030103978A1
; GENERAL INFORMATION:
; APPLICANT: Deshpande, Rajendra
; APPLICANT: Hitz, Anna
; APPLICANT: Boyle, William
; APPLICANT: Sullivan, John
; TITLE OF INVENTION: SELECTIVE BINDING AGENTS OF OSTEOPROTEGERIN BINDING PROTEIN
; FILE REFERENCE: A-633A
; CURRENT APPLICATION NUMBER: US/09/791.153A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/511.139
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 63
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-153A-63

Query Match 53.9%; Score 62; DB 10; Length 113;
Best Local Similarity 100.0%; Pred. No. 3e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
|||
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
QY 96 CA 97
|||
Db 96 CA 97

RESULT 24

US-10-078-958-7
; Sequence 7, Application US/10078958
; Publication No. US20030070185A1
; GENERAL INFORMATION:
; APPLICANT: JAKOBOVITS, AYA
; APPLICANT: KUCHERLAPATI, RAJU
; APPLICANT: KLAPHOLZ, SUSAN
; APPLICANT: MENDEZ, MICHAEL J.
; APPLICANT: GREEN, LARRY
; TITLE OF INVENTION: TRANSGENIC MAMMALS HAVING HUMAN Ig LOCI INCLUDING
; TITLE OF INVENTION: FLURAL VR AND VK REGIONS AND ANTIBODIES PRODUCED
; FILE REFERENCE: CELL 4.18 CON
; CURRENT APPLICATION NUMBER: US/10/078.958
; CURRENT FILING DATE: 2002-02-19
; PRIOR APPLICATION NUMBER: 08/759.620
; PRIOR FILING DATE: 1996-12-03
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 83

; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (22)
; OTHER INFORMATION: Variable amino acid
US-10-078-958-7

Query Match 53.0%; Score 61; DB 14; Length 83;
Best Local Similarity 100.0%; Pred. No. 1.9e-48;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 38 RQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCA 97
|||
Db 23 RQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCA 82
QY 98 R 98
|||
Db 83 R 83

RESULT 25

US-10-453-698-66
; Sequence 66, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453.698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 66
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-66

Query Match 40.0%; Score 46; DB 12; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 YDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||
Db 53 YDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98

RESULT 26

US-10-194-975-26
; Sequence 26, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194.975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-26

Query Match 40.0%; Score 46; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 YDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98

Mon Mar 22 10:05:10 2004

Db 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98

RESULT 27
US-10-041-860-4
; Sequence 4, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 98
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-4

Query Match 40.0%; Score 46; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
DB 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98

RESULT 28
US-10-041-860-283
; Sequence 283, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 283
; LENGTH: 98
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-283

Query Match 40.0%; Score 46; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
DB 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98

RESULT 29
US-10-041-860-284
; Sequence 284, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 284
; LENGTH: 98
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-284

Query Match 40.0%; Score 46; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
DB 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98

RESULT 30
US-10-041-860-307
; Sequence 307, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 307
; LENGTH: 98
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-307

Query Match 40.0%; Score 46; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
DB 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98

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JOB time : 36.4509 secs

us-09-620-955b-2.rapb

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QM protein - protein search, using sw model

Run on: March 22, 2004, 09:26:25 ; Search time 34.5491 Seconds
(without alignments) 816.986 Million cell updates

Title: US-09-620-955B-4

Perfect score: 109
Sequence: 1 OSALTOPASVSGSGPGOSITI.....CSSFANSGPLFGGKTVTVL 109

Scoring table: OLIGO

SCORING LABEL: OLI90
Gapop 60.0 , Gapext 60.0

Searched: 1049977 seqs, 258955339 residues

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Total number of hits satisfying chosen parameters: 458419

Minimum DB seq length: 0

Minimum DB seq length:	9
Maximum DB seq length:	115

post-processing: Listing first 100 summaries

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 - 2: /cgn2_6/pdata/2/pubpaa/US07_PUBCOMB.pcp.*
 - 3: /cgn2_6/pdata/2/pubpaa/US06_NEW_PUB.pcp.*
 - 4: /cgn2_6/pdata/2/pubpaa/US06_PUBCOMB.pcp.*
 - 5: /cgn2_6/pdata/2/pubpaa/US07_NEW_PUB.pcp.*
 - 6: /cgn2_6/pdata/2/pubpaa/US07_PUBCOMB.pcp.*
 - 7: /cgn2_6/pdata/2/pubpaa/US08_NEW_PUB.pcp.*
 - 8: /cgn2_6/pdata/2/pubpaa/US08_PUBCOMB.pcp.*
 - 9: /cgn2_6/pdata/2/pubpaa/US09A_PUBCOMB.pcp.*
 - 10: /cgn2_6/pdata/2/pubpaa/US09B_PUBCOMB.pcp.*
 - 11: /cgn2_6/pdata/2/pubpaa/US09C_PUBCOMB.pcp.*
 - 12: /cgn2_6/pdata/2/pubpaa/US09_NEW_PUB.pcp.*
 - 13: /cgn2_6/pdata/2/pubpaa/US10A_PUBCOMB.pcp.*
 - 14: /cgn2_6/pdata/2/pubpaa/US10C_PUBCOMB.pcp.*
 - 15: /cgn2_6/pdata/2/pubpaa/US10E_PUBCOMB.pcp.*
 - 16: /cgn2_6/pdata/2/pubpaa/US10_NEW_PUB.pcp.*
 - 17: /cgn2_6/pdata/2/pubpaa/US10_PUBCOMB.pcp.*
 - 18: /cgn2_6/pdata/2/pubpaa/US160_PUBCOMB.pcp.*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query			DB	ID	Description
	Score	Match	Length			
1	28	25.7	90	14	US-10-125-687-27	Sequence 27, Appl
2	28	25.7	99	12	US-10-453-698-99	Sequence 99, Appl
3	28	25.7	99	12	US-10-453-698-101	Sequence 101, Appl
4	28	25.7	99	15	US-10-308-817-99	Sequence 99, Appl
5	28	25.7	99	15	US-10-308-817-101	Sequence 101, Appl
6	28	25.7	110	14	US-10-135-687-13	Sequence 13, Appl
7	28	25.7	110	14	US-10-269-805-60	Sequence 60, Appl
8	26	23.9	104	14	US-10-137-890-153	Sequence 153, Appl
9	26	23.9	104	15	US-10-340-189-17	Sequence 17, Appl
10	26	23.9	104	15	US-10-335-696-17	Sequence 17, Appl
11	26	23.9	112	14	US-10-320-213A-31	Sequence 31, Appl
12	23	21.1	103	14	US-10-036-925-98	Sequence 98, Appl
13	22	20.2	102	14	US-09-563-222-94	Sequence 94, Appl
14	21	19.3	50	9	US-09-863-693-14	Sequence 14, Appl
15	21	19.3	50	9	US-09-863-693-15	Sequence 15, Appl

89 11 10.1 95 12 US-10-453-698-19 Sequence 19, Appl
90 11 10.1 95 14 US-10-194-975-56 Sequence 56, Appl
91 11 10.1 95 14 US-10-194-975-57 Sequence 57, Appl
92 11 10.1 95 14 US-10-194-975-63 Sequence 63, Appl
93 11 10.1 95 14 US-10-194-975-64 Sequence 64, Appl
94 11 10.1 95 14 US-10-194-975-72 Sequence 72, Appl
95 11 10.1 95 15 US-10-308-817-3 Sequence 3, Appl
96 11 10.1 95 15 US-10-308-817-4 Sequence 4, Appl
97 11 10.1 95 15 US-10-308-817-10 Sequence 10, Appl
98 11 10.1 95 15 US-10-308-817-11 Sequence 11, Appl
99 11 10.1 95 15 US-10-308-817-19 Sequence 19, Appl
100 11 10.1 96 14 US-10-127-890-158 Sequence 158, App

ALIGNMENTS

RESULT 1
US-10-125-687-27
; Sequence 27, Application US/10125687
; Publication No. US20030054407A1
; GENERAL INFORMATION:
; APPLICANT: Luo, Peter
; TITLE OF INVENTION: STRUCTURE-BASED CONSTRUCTION OF HUMAN ANTIBODY LIBRARY
; FILE REFERENCE: 26050-705
; CURRENT APPLICATION NUMBER: US/10/125,687
; CURRENT FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-125-687-27

Query Match 25.7%; Score 28; DB 14; Length 90;
Best Local Similarity 100.0%; Pred. No. 2.9e-19;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QSALTQPASVSGSPGQSITISCTGTSSD 28
Db 1 QSALTQPASVSGSPGQSITISCTGTSSD 28

RESULT 2
US-10-453-698-99
; Sequence 99, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 99
; LENGTH: 99
; TYPE: PRT
; ORGANISM: human
US-10-453-698-99

Query Match 25.7%; Score 28; DB 12; Length 99;
Best Local Similarity 100.0%; Pred. No. 3.1e-19;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QSALTQPASVSGSPGQSITISCTGTSSD 28
Db 1 QSALTQPASVSGSPGQSITISCTGTSSD 28

RESULT 3
US-10-453-698-101

; Sequence 101, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 101
; LENGTH: 99
; TYPE: PRT
; ORGANISM: human
US-10-453-698-101

Query Match 25.7%; Score 28; DB 12; Length 99;
Best Local Similarity 100.0%; Pred. No. 3.1e-19;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QSALTQPASVSGSPGQSITISCTGTSSD 28
Db 1 QSALTQPASVSGSPGQSITISCTGTSSD 28

RESULT 4
US-10-308-817-99
; Sequence 99, Application US/10308817
; Publication No. US20030219861A1
; GENERAL INFORMATION:
; APPLICANT: Wu, Dayang
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; CURRENT FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 99
; LENGTH: 99
; TYPE: PRT
; ORGANISM: human
US-10-308-817-99

Query Match 25.7%; Score 28; DB 15; Length 99;
Best Local Similarity 100.0%; Pred. No. 3.1e-19;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QSALTQPASVSGSPGQSITISCTGTSSD 28
Db 1 QSALTQPASVSGSPGQSITISCTGTSSD 28

RESULT 5
US-10-308-817-101
; Sequence 101, Application US/10308817
; Publication No. US20030219861A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; CURRENT FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 101
; LENGTH: 99
; TYPE: PRT
; ORGANISM: human
US-10-308-817-101

Query Match 25.7%; Score 28; DB 15; Length 99;

Best Local Similarity 100.0%; Pred. No. 3.1e-19;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QSALTQPASVSGSPGQSIITISCTGTSSD 28
Db 1 QSALTQPASVSGSPGQSIITISCTGTSSD 28

RESULT 6

US-10-125-687-13
; Sequence 13, Application US/10125687
; Publication No. US20030054407A1
; GENERAL INFORMATION:
; APPLICANT: Luo, Peter
; TITLE OF INVENTION: STRUCTURE-BASED CONSTRUCTION OF HUMAN ANTIBODY LIBRARY
; FILE REFERENCE: 26050-705
; CURRENT APPLICATION NUMBER: US/10/125,687
; CURRENT FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human consensus antibody light chain variable region
US-10-125-687-13

Query Match 25.7%; Score 28; DB 14; Length 110;
Best Local Similarity 100.0%; Pred. No. 3.4e-19;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QSALTQPASVSGSPGQSIITISCTGTSSD 28
-Db 1 QSALTQPASVSGSPGQSIITISCTGTSSD 28

RESULT 7

US-10-269-805-60
; Sequence 60, Application US/10269805
; Publication No. US20030124129A1
; GENERAL INFORMATION:
; APPLICANT: OLINER, JONATHAN D.
; TITLE OF INVENTION: ANGIOPOIETIN-2 SPECIFIC BINDING AGENTS
; FILE REFERENCE: A-722
; CURRENT APPLICATION NUMBER: US/10/269,805
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/328,604
; PRIOR FILING DATE: 2001-10-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 60
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-269-805-60

Query Match 25.7%; Score 28; DB 14; Length 110;
Best Local Similarity 100.0%; Pred. No. 3.4e-19;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QSALTQPASVSGSPGQSIITISCTGTSSD 28
Db 1 QSALTQPASVSGSPGQSIITISCTGTSSD 28

RESULT 8

US-10-127-890-153
; Sequence 153, Application US/10127890
; Publication No. US20030166196A1
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; Carroll, Stephen F.

Studnicka, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
Proteins

NUMBER OF SEQUENCES: 173
CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/127,890
FILING DATE: 23-Apr-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/646,360
FILING DATE: 13-MAY-1996
APPLICATION NUMBER: PCT/US94/05348
FILING DATE: 12-MAY-1994
APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991

ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 200-70.P4

TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: 650 388-1248

INFORMATION FOR SEQ ID NO: 153:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 153:
US-10-127-890-153

Query Match 23.9%; Score 26; DB 14; Length 104;
Best Local Similarity 100.0%; Pred. No. 2.8e-17;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 SALTQPASVSGSPGQSIITISCTGTSS 27
Db 2 SALTQPASVSGSPGQSIITISCTGTSS 27

RESULT 9

US-10-340-189-17
; Sequence 17, Application US/10340189
; Publication No. US20030229207A1
; GENERAL INFORMATION:
; APPLICANT: Studnicka, Gary M.
; TITLE OF INVENTION: Modified Antibody Variable Domains
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 W. Madison Street, 34th floor
CITY: Chicago
STATE: Illinois

COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/340,189
FILING DATE: 10-Jan-2003
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/245,202A
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/082,842
FILING DATE: 23-JUN-1993
APPLICATION NUMBER: PCT/US92/10906
FILING DATE: 14-DEC-1992
APPLICATION NUMBER: US 07/808,464
FILING DATE: 13-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11023US07 / 200-71.P2.C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-340-189-17
Query Match 23.9%; Score 26; DB 15; Length 104;
Best Local Similarity 100.0%; Pred. No. 2.8e-17;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 SALTQPASVSGSPGQSITISCTGTSS 27
DB 2 SALTQPASVSGSPGQSITISCTGTSS 27
RESULT 10
US-10-325-696-17
Sequence 17, Application US/10325696
Publication No. US20040005630A1
GENERAL INFORMATION:
APPLICANT: Studnicka, Gary M.
TITLE OF INVENTION: Modified Antibody Variable Domains
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/325,696
FILING DATE: 18-Dec-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/097,980
FILING DATE: 16-JUN-1998

APPLICATION NUMBER: 08/107,669
FILING DATE: 13-AUG-1993
APPLICATION NUMBER: PCT/US92/10906
FILING DATE: 14-DEC-1992
APPLICATION NUMBER: US 07/808,464
FILING DATE: 13-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Janet M. McNicholas, Ph.D.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11023US06/200-71.P1.C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9050
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-325-696-17
Query Match 23.9%; Score 26; DB 15; Length 104;
Best Local Similarity 100.0%; Pred. No. 2.8e-17;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 SALTQPASVSGSPGQSITISCTGTSS 27
DB 2 SALTQPASVSGSPGQSITISCTGTSS 27
RESULT 11
US-10-320-231A-31
Sequence 31, Application US/10320231A
Publication No. US20030194405A1
GENERAL INFORMATION:
APPLICANT: Neben, Steven
APPLICANT: Takeuchi, Toshihiko
APPLICANT: Tomkinson, Adrian
TITLE OF INVENTION: Antibody Inhibiting Stem Cell Factor Activity And Use For
TITLE OF INVENTION: Treatment Of Asthma
FILE REFERENCE: 7430*163
CURRENT APPLICATION NUMBER: US/10/320,231A
CURRENT FILING DATE: 2002-12-19
PRIOR APPLICATION NUMBER: US 60/342,174
PRIOR FILING DATE: 2001-12-17
NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patent in version 3.2
SEQ ID NO 31
LENGTH: 112
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: synthetic sequence
FEATURE:
NAME/KEY: MISC FEATURE
LOCATION: (93)..(93)
OTHER INFORMATION: Xaa is any amino acid
FEATURE:
NAME/KEY: MISC FEATURE
LOCATION: (95)..(100)
OTHER INFORMATION: each occurrence of Xaa is any amino acid
US-10-320-231A-31
Query Match 23.9%; Score 26; DB 14; Length 112;
Best Local Similarity 100.0%; Pred. No. 3e-17;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3 ALTQPASVSGSPGQSITISCTGTSSD 28
DB 3 ALTQPASVSGSPGQSITISCTGTSSD 28

NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1099R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-863-693-15

Query Match 19.3%; Score 21; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
DB 12 TASLTISGLQAEADYYCSS 32

RESULT 16

US-09-863-693-16
; Sequence 16, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.

TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
HAVING HETEROMULTIMERIC AND COMMON COMPONENTS

NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,693
FILING DATE: 23-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/070,166
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1099R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/952-9881
TELEFAX: 650/225-2066

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 16:

US-09-863-693-16

Query Match 19.3%; Score 21; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
DB 12 TASLTISGLQAEADYYCSS 32

RESULT 17

US-09-863-693-17
; Sequence 17, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.

TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
HAVING HETEROMULTIMERIC AND COMMON COMPONENTS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,693
FILING DATE: 23-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/070,166
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1099R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/952-9881
TELEFAX: 650/225-2066

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 17:

US-09-863-693-17

Query Match 19.3%; Score 21; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12; 0; Indels 0; Gaps 0;
Matches 21; Conservative 0; Mismatches 0;

QY 72 TASLTISGLQAEADYYCSS 92
DB 12 TASLTISGLQAEADYYCSS 32

RESULT 18

US-09-863-693-18
; Sequence 18, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.

TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
HAVING HETEROMULTIMERIC AND COMMON COMPONENTS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.
 ; STREET: 1 DNA Way
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94080
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WinPatIn (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/863,693
 ; FILING DATE: 23-May-2001
 ; CLASSIFICATION: <Unknown>
 ;
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/070,166
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Conley, Deirdre L.
 ; REGISTRATION NUMBER: 36,487
 ; REFERENCE/DOCKET NUMBER: P1099R1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 650/225-2066
 ; TELEFAX: 650/952-9881
 ;
 ; INFORMATION FOR SEQ ID NO: 18:
 ; LENGTH: 50 amino acids
 ; TYPE: Amino Acid
 ; TOPOLOGY: Linear
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
 ;
 ; US-09-863-693-18

Query Match 19.3%; Score 21; DB 9; Length 50;
 Best Local Similarity 100.0%; Pred. No. 1e-12;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
 Db 12 TASLTISGLQAEADYYCSS 32

RESULT 19
 US-09-863-693-19
 ; Sequence 19, Application US/09863693
 ; Patent No. US20020062010A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ARATHOON, R.
 ; CARTER, P.J.
 ; MERCHANT, A.M.
 ; PRESTA, L.G.
 ;
 ; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
 ;
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.
 ; STREET: 1 DNA Way
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94080
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WinPatIn (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/863,693
 ; FILING DATE: 23-May-2001
 ; CLASSIFICATION: <Unknown>
 ;
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/070,166
 ; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:
 ; NAME: Conley, Deirdre L.
 ; REGISTRATION NUMBER: 36,487
 ; REFERENCE/DOCKET NUMBER: P1099R1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 650/225-2066
 ; TELEFAX: 650/952-9881
 ;
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 50 amino acids
 ; TYPE: Amino Acid
 ; TOPOLOGY: Linear
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
 ;
 ; US-09-863-693-19

Query Match 19.3%; Score 21; DB 9; Length 50;
 Best Local Similarity 100.0%; Pred. No. 1e-12;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
 Db 12 TASLTISGLQAEADYYCSS 32

RESULT 20
 US-09-863-693-20
 ; Sequence 20, Application US/09863693
 ; Patent No. US20020062010A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ARATHOON, R.
 ; CARTER, P.J.
 ; MERCHANT, A.M.
 ; PRESTA, L.G.
 ;
 ; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
 ;
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.
 ; STREET: 1 DNA Way
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94080
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WinPatIn (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/863,693
 ; FILING DATE: 23-May-2001
 ; CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/070,166
 FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:
 ; NAME: Conley, Deirdre L.
 ; REGISTRATION NUMBER: 36,487
 ; REFERENCE/DOCKET NUMBER: P1099R1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 650/225-2066
 ; TELEFAX: 650/952-9881
 ;
 ; INFORMATION FOR SEQ ID NO: 20:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 50 amino acids
 ; TYPE: Amino Acid
 ; TOPOLOGY: Linear
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
 ;
 ; US-09-863-693-20

Query Match 19.3%; Score 21; DB 9; Length 50;
 Best Local Similarity 100.0%; Pred. No. 1e-12;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYCYSS 92
|||||
Db 12 TASLTISGLQAEADYCYSS 32

RESULT 21

US-09-863-693-21
; Sequence 21, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
; HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/863,693
FILING DATE: 23-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/070,166
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1099R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear

SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-863-693-21

Query Match 19.3%; Score 21; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYCYSS 92
|||||
Db 12 TASLTISGLQAEADYCYSS 32

RESULT 22

US-09-863-693-22
; Sequence 22, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.

US-09-863-693-22
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
; HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
; NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/863,693
FILING DATE: 23-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/070,166
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1099R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 22:

SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear

SEQUENCE DESCRIPTION: SEQ ID NO: 22:

US-09-863-693-22

Query Match 19.3%; Score 21; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYCYSS 92
|||||
Db 12 TASLTISGLQAEADYCYSS 32

RESULT 23

US-09-373-403-14
; Sequence 14, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.

APPLICANT: PRESTA, L.G.

TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING

HAVING HETEROMULTIMERIC AND COMMON COMPONENTS

FILE REFERENCE: P1099C1 a

CURRENT APPLICATION NUMBER: US/09/373,403

CURRENT FILING DATE: 1999-08-12

PRIOR APPLICATION NUMBER: US 08/850,058

PRIOR FILING DATE: 1997-05-02

NUMBER OF SEQ ID NOS: 26

SEQ ID NO 14

LENGTH: 50

TYPE: PRT

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Recombinant

US-09-373-403-14

Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYCYSS 92

Db 12 TASLTISGLQAEDEADYYCSS 32
|||||

RESULT 24

US-09-373-403-15
; Sequence 15, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 15
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-15

Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 72 TASLTISGLQAEDEADYYCSS 92
|||||

Db 12 TASLTISGLQAEDEADYYCSS 32
|||||

RESULT 25

US-09-373-403-16
; Sequence 16, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 16
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-16

Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 72 TASLTISGLQAEDEADYYCSS 92
|||||

Db 12 TASLTISGLQAEDEADYYCSS 32
|||||

RESULT 26

US-09-373-403-17
; Sequence 17, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 17
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-17

Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 72 TASLTISGLQAEDEADYYCSS 92
|||||

Db 12 TASLTISGLQAEDEADYYCSS 32
|||||

RESULT 27

US-09-373-403-18
; Sequence 18, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 18
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-18

Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 72 TASLTISGLQAEDEADYYCSS 92
|||||

Db 12 TASLTISGLQAEDEADYYCSS 32
|||||

RESULT 28

US-09-373-403-19
; Sequence 19, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.

```

; APPLICANT: CARTER, P. J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 19
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-19

Query Match      19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEDEADYYCSS 92
Db 12 TASLTISGLQAEDEADYYCSS 32

RESULT 29
US-09-373-403-20
; Sequence 20, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 20
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
; NAME/KEY: Unsure
; LOCATION: 9
; OTHER INFORMATION: Unknown amino acid
US-09-373-403-20

Query Match      19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEDEADYYCSS 92
Db 12 TASLTISGLQAEDEADYYCSS 32

RESULT 30
US-09-373-403-21
; Sequence 21, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.

```

```

; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 21
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-21

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Query Match      19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 72 TASLTISGLQAEDEADYYCSS 92
Db 12 TASLTISGLQAEDEADYYCSS 32

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Search completed: March 22, 2004, 09:27:51
Job time : 35.5491 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 22, 2004, 09:27:35 ; Search time 43 Seconds
(without alignments)
1439.310 Million cell updates/sec

Title: US-09-620-955B-6
Perfect score: 1250
Sequence: 1 QVQLQSGGLVQPGSLRL.....CSSFANSGLFGGKTKVTIL 239

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues
Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : Published Applications AA:*
1: /cgn2_6/ptodata/2/pubaa/PCT_NEW_PUB.pep.*
2: /cgn2_6/ptodata/2/pubaa/PCT_NEW_PUB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1110	88.8	254	10	US-09-880-748-983
2	1106	88.5	256	10	US-09-880-748-839
3	1097	87.8	252	10	US-09-880-748-1627
4	1096	87.6	241	10	US-09-880-748-981
5	1095.5	87.6	241	10	US-09-880-748-2055
6	1093	87.4	252	10	US-09-880-748-956
7	1089.5	87.2	251	10	US-09-880-748-955
8	1089.5	87.2	251	10	US-09-880-748-1317
9	1088.5	87.1	251	10	US-09-880-748-1114
10	1084.5	86.8	253	10	US-09-880-748-1003
11	1082.5	86.6	251	10	US-09-880-748-1332
12	1079	86.3	254	10	US-09-880-748-1701
13	1079	86.3	254	10	US-09-880-748-1759
14	1078	86.2	256	10	US-09-880-748-1392
15	1077.5	86.2	253	10	US-09-880-748-989
					Sequence 983, App
					Sequence 839, App
					Sequence 1627, App
					Sequence 981, App
					Sequence 2055, App
					Sequence 956, App
					Sequence 955, App
					Sequence 1317, App
					Sequence 1114, App
					Sequence 1003, App
					Sequence 1332, App
					Sequence 1701, App
					Sequence 1759, App
					Sequence 1392, App
					Sequence 989, App

16	1077	86.2	254	10	US-09-880-748-881
17	1073.5	85.9	253	10	US-09-880-748-1007
18	1072	85.8	244	10	US-09-880-748-1910
19	1067	85.4	254	10	US-09-880-748-977
20	1065	85.2	240	10	US-09-880-748-2047
21	1065	85.2	254	10	US-09-880-748-1428
22	1064.5	85.2	253	10	US-09-880-748-1449
23	1063	85.0	254	10	US-09-880-748-1075
24	1062	85.0	254	10	US-09-880-748-1735
25	1061.5	84.9	251	10	US-09-880-748-1605
26	1061.5	84.9	253	10	US-09-880-748-1337
27	1061	84.9	246	10	US-09-880-748-1314
28	1061	84.9	254	10	US-09-880-748-1673
29	1058	84.6	240	10	US-09-880-748-1898
30	1057	84.6	252	10	US-09-880-748-1431
31	1056.5	84.5	247	10	US-09-880-748-915
32	1056	84.5	252	10	US-09-880-748-1690
33	1055	84.4	240	10	US-09-880-748-1930
34	1055	84.4	246	10	US-09-880-748-1324
35	1055	84.4	250	10	US-09-880-748-883
36	1053	84.2	246	10	US-09-880-748-2077
37	1052.5	84.2	243	10	US-09-880-748-395
38	1052	84.2	252	10	US-09-880-748-1634
39	1051	84.1	248	10	US-09-880-748-1782
40	1050.5	84.0	247	10	US-09-880-748-923
41	1050.5	84.0	247	14	US-10-322-673-48
42	1050	84.0	248	10	US-09-880-748-1653
43	1049.5	84.0	251	10	US-09-880-748-925
44	1045.5	83.6	255	10	US-09-880-748-1819
45	1045	83.6	248	10	US-09-880-748-1404
46	1045	83.6	254	10	US-09-880-748-1350
47	1044.5	83.6	253	10	US-09-880-748-1364
48	1044	83.5	250	10	US-09-880-748-1319
49	1043	83.4	252	10	US-09-880-748-1637
50	1042	83.4	254	10	US-09-880-748-1302
51	1042	83.4	254	10	US-09-880-748-1739
52	1040.5	83.2	241	10	US-09-880-748-1888
53	1039	83.1	250	10	US-09-880-748-1613
54	1038	83.0	240	10	US-09-880-748-1918
55	1037.5	83.0	251	10	US-09-880-748-917
56	1037	83.0	252	10	US-09-880-748-1311
57	1037	83.0	254	10	US-09-880-748-1340
58	1035	82.8	254	10	US-09-880-748-971
59	1035	82.8	256	10	US-09-880-748-1318
60	1033.5	82.7	253	10	US-09-880-748-1000
61	1033	82.6	254	10	US-09-880-748-1796
62	1032.5	82.6	251	10	US-09-880-748-951
63	1032	82.6	242	10	US-09-880-748-1884
64	1032	82.6	254	10	US-09-880-748-1925
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67	1031	82.5	254	10	US-09-880-748-1398
68	1030.5	82.4	253	10	US-09-880-748-1006
69	1030.5	82.4	253	10	US-09-880-748-1814
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77	1026.5	82.1	253	10	US-09-880-748-1089
78	1026.5	82.1	253	10	US-09-880-748-1094
79	1026	82.1	254	10	US-09-880-748-1625
80	1024.5	82.0	253	10	US-09-880-748-1432
81	1023.5	81.9	253	10	US-09-880-748-1093
82	1023.5	81.9	253	10	US-09-880-748-1096
83	1023.5	81.9	253	10	US-09-880-748-1379
84	1023.5	81.9	253	10	US-09-880-748-1399
85	1022.5	81.8	253	10	US-09-880-748-1098
86	1021.5	81.7	253	10	US-09-880-748-885
87	1021.5	81.7	253	10	US-09-880-748-1091
88	1021.5	81.7	253	10	US-09-880-748-1100

Sequence 2050, Ap
Sequence 1186, Ap
Sequence 1196, Ap
Sequence 1101, Ap
Sequence 1097, Ap
Sequence 1171, Ap
Sequence 1044, Ap
Sequence 1604, Ap
Sequence 1295, Ap
Sequence 1427, Ap
Sequence 11, Appl
Sequence 11, Appl

89 1021 81.7 240 10 US-09-880-748-2050
90 1021 81.7 254 10 US-09-880-748-1186
91 1021 81.7 254 10 US-09-880-748-1196
92 1020.5 81.6 253 10 US-09-880-748-1101
93 1019.5 81.6 253 10 US-09-880-748-1097
94 1018.5 81.5 251 10 US-09-880-748-1171
95 1018.5 81.5 253 10 US-09-880-748-1044
96 1018 81.4 256 10 US-09-880-748-1604
97 1017 81.4 254 10 US-09-880-748-1295
98 1017 81.4 254 10 US-09-880-748-1427
99 1015.5 81.2 310 13 US-10-052-798-11
100 1015.5 81.2 310 14 US-10-288-917-11

ALIGNMENTS

RESULT 1

US-09-880-748-983
; Sequence 983, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:

; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748

; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 983

; LENGTH: 254
; TYPE: PRT

; ORGANISM: Homo sapiens
US-09-880-748-983

Query Match 88.8%; Score 1110; DB 10; Length 254;
Best Local Similarity 84.2%; Pred. No. 9.5e-73;
Matches 213; Conservative 14; Mismatches 12; Indels 14; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSSYSMSWVRQAPGKGLEWVAIVSYDGSNKYY 60
Db 1 QVQLQESGGGVVQGRSLRLSCAASGFTFSSYAMHWVRQAPGKGLEWVAIVSYDGSNKYY 60
QY 61 ADSVKGRTISRDNSKNTLYLQWNSLRADTAIVYCARDR-----YFDLWGR 107
Db 61 ADSVKGRTISRDNSKNTLYLQWNSLRADTAIVYCARDR-----YFDLWGR 107
QY 108 GLTVTVSSGGGGGGGGGGGSGQSALTQPSVSGSPGQSITISCTGTSDDIGAYNVSW 167
Db 121 GTWTVSSGGGGGGGGGGGSGQSALTQPSVSGSPGQSITISCTGTSDDIGAYNVSW 180
QY 168 YQOHPGKAPKLLIYDVSNRPSGISNRFSGSKSGDTSITISGLQAEADYYCSSF-ANS 226
Db 181 YQOHPGKAPKLLIYEGSKRPSGVNRFSGSKSGNTASITISGLQAEADYYCSSYTTTS 240
QY 227 GPLFGGGTKVTL 239
Db 241 TRVFGGGTKVTL 253

RESULT 2

US-09-880-748-839
; Sequence 839, Application US/09880748

; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748

; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 839

; LENGTH: 256
; TYPE: PRT

; ORGANISM: Homo sapiens
US-09-880-748-839

Query Match 88.5%; Score 1106; DB 10; Length 256;
Best Local Similarity 83.9%; Pred. No. 1.9e-72;
Matches 213; Conservative 12; Mismatches 13; Indels 16; Gaps 2;

QY 2 VQLQESGGGLVQPGGSLRLSCAASGFTFSSYSMSWVRQAPGKGLEWVAIVSYDGSNKYYA 61
Db 2 VQLVQSGGGVQPGGSLRLSCAASGFTFSSYGMHWVRQAPGKGLEWVAIVSYDGSNKYYA 61
QY 62 DSVKGRFTISRDNSKNTLYLQWNSLRADTAIVYCARDR-----YFDLW 106
Db 62 DSVKGRFTISRDNSKNTLYLQWNSLRADTAIVYCARDREAYDILTYLYYYMDVWG 121
QY 107 RGLTVTVSSGGGGGGGGGGGSGQSALTQPSVSGSPGQSITISCTGTSDDIGAYNVYS 166
Db 122 RGTTVTVSSGGGGGGGGGGGSGQSALTQPSVSGSPGQSITISCTGTSDDIGAYNVYS 181
QY 167 WYQHPGKAPKLLIYDVSNRPSGISNRFSGSKSGDTSITISGLQAEADYYCSSF-AN 225
Db 182 WYQHPGKAPKLLIYEGSKRPSGVNRFSGSKSGNTASITISGLQAEADYYCSSYTTG 241
QY 226 SGLFGGGTKVTL 239
Db 242 STRVFGGGTKVTL 255

RESULT 3

US-09-880-748-1627
; Sequence 1627, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:

; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748

; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1627

; LENGTH: 252

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-880-748-1627

Query Match

Best Local Similarity 87.8%; Score 1097; DB 10; Length 252;

Matches 212; Conservative 12; Mismatches 15; Indels 12; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSSYSMSWVRQAPGKLEWAVVISYDGSNKYY 60

Db 1 QVQLVCSGGGVQPGSRSLRLSCAASGFTFSSYGMHWVRQAPGKLEWAVVISYDGSNKYY 60

QY 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARD-----RYDLWGRGT 109

Db 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARDPGDDILTYGYIKYFDYWGQGT 120

QY 110 LVTSSGGGGGGGGGGGSGGSSQALTQPASVSGSPQGSITISCTGSSDYGANNVSVWQ 169

Db 121 LVTSSGGGGGGGGGGGSGGSSQVLTQPASVSGSPQGSITISCTGSSDVGNNVSVWQ 180

QY 170 QYPGKAPKLLIYDVSNRPSGINSRFGSKSGDTSASLTISGLQAEDEADYYCSSF-ANS 228

Db 181 QHPGKAPKLLIYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEDEADYYCSTYTRSTR 240

QY 229 LFGGGTKTVL 239

Db 241 VFGGGTKTVL 251

RESULT 4

US-09-880-748-981

; Sequence 981, Application US/09880748

; Publication No. US20030059937A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523

; CURRENT APPLICATION NUMBER: US/09/880,748

; PRIOR FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-15

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25

; NUMBER OF SEQ ID NOS: 3239

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 981

; LENGTH: 254

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-880-748-981

Query Match

Best Local Similarity 87.7%; Score 1096; DB 10; Length 254;

Matches 213; Conservative 13; Mismatches 13; Indels 14; Gaps 3;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSSYSMSWVRQAPGKLEWAVVISYDGSNKYY 60

Db 1 QVQLVCSGGGVQPGSRSLRLSCAASGFTFSSYGMHWVRQAPGKLEWAVVISYDGSNKYY 60

QY 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARDR-YFDL-----WGR 107

Db 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARDRGYDILTYRGMWGR 120

QY 108 GTLVTVSSGGGGGGGGGSGGSSQALTQPASVSGSPQGSITISCTGSSDYGANNVSVW 167

Db 121 GTLVTVSSGGGGGGGGGSGGSSQVLTQPASVSGSPQGSITISCTGSSDVGNNVSVW 180

QY 168 YQYPGKAPKLLIYDVSNRPSGINSRFGSKSGDTSASLTISGLQAEDEADYYCSSF-ANS 226

Db 181 YQHPGKAPKLLIYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEDEADYYCSTYTRSTR 240

QY 227 GPLFGGTKTVL 239

Db 241 TRVFGGTKTVL 253

RESULT 5

US-09-880-748-2055

; Sequence 2055, Application US/09880748

; Publication No. US20030059937A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523

; CURRENT APPLICATION NUMBER: US/09/880,748

; CURRENT FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-15

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25

; NUMBER OF SEQ ID NOS: 3239

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 2055

; LENGTH: 241

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-880-748-2055

Query Match

Best Local Similarity 87.6%; Score 1095.5; DB 10; Length 241;

Matches 207; Conservative 16; Mismatches 16; Indels 1; Gaps 1;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSSYSMSWVRQAPGKLEWAVVISYDGSNKYY 60

Db 1 QVQLVCSGGGVQPGSRSLRLSCAASGFTFSSYGMHWVRQAPGKLEWAVVISYDGSNKYY 60

QY 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARDRYFDLWGRGLTVTVSSGGGGS 120

Db 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARDLDFYWGQGTTLTVTVSSGGGGS 120

QY 121 GGGGGGGGGGSSQALTQPASVSGSPQGSITISCTGSSDYGANNVSVWYQYPGKAPKLLI 180

Db 121 GGGGGGGGGGSSQVLTQPPASGSPQGSVITISCTGSSDVGNNVSVWYQQHPGKAPKPMI 180

QY 181 YDVSNRPSGINSRFGSKSGDTSASLTISGLQAEDEADYYCSSFAN-SGPLFGGTKTVL 239

Db 181 YDVSNRPSGINSRFGSKSGNTASLTISGLQAEDEADYYCSTYTRSTR 240

RESULT 6

US-09-880-748-956

; Sequence 956, Application US/09880748

; Publication No. US20030059937A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523

; CURRENT APPLICATION NUMBER: US/09/880,748

; CURRENT FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-15

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

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; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 956
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-956

Query Match      87.4%; Score 1093; DB 10; Length 252;
Best Local Similarity 84.1%; Pred. No. 1.6e-71;
Matches 211; Conservative 12; Mismatches 16; Indels 12; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKLEWVAIVSYDGSNKYY 60
Dd 1 QVQLVSGGGVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKLEWVAIVSYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYICARDR-----YFDLWGRGT 109
Dd 61 EDSVKGRFTISRDNKNTLYLQMSLRAEDTAVYICARDSGDILITGYMPYFDYWGQT 120
QY 110 LTVSSGGGGGGGGGGGSGQSALTQTPASVSGSPGQSITISCTGTSDDIGAYNYVSWYQ 169
Dd 121 TVTVSSGGGGGGGGGGGSGQSALTQTPASVSGSPGQSITISCTGTSDDVGGYNYVSWYQ 180
QY 170 QPQKAPKLLIYDVSNRPSGINSRFGSKSGDTSASLTISGLQAEADYVCSF-ANSGP 228
Dd 181 QPQKAPKLLIYEGSKRPSGINSRFGSKSGDTSASLTISGLQAEADYVCSFTSTR 240
QY 229 LFGGGTKVTVL 239
Dd 241 VFGGGTKLTVL 251

RESULT 7
US-09-880-748-955
; Sequence 955, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 955
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-955

Query Match      87.2%; Score 1089.5; DB 10; Length 251;
Best Local Similarity 83.6%; Pred. No. 2.8e-71;
Matches 209; Conservative 14; Mismatches 16; Indels 11; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKLEWVAIVSYDGSNKYY 60
Dd 1 QVQLVSGGGVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKLEWVAIVSYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYICARDR-----YFDLWGRGT 110
Dd 61 ADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYICARSHYDILITRLNYWYFDLWGRGT 120
QY 111 VTSSGGGGGGGGGGGSGQSALTQTPASVSGSPGQSITISCTGTSDDIGAYNYVSWYQ 170
Dd 121 VTSSGGGGGGGGGGGSGQSALTQTPASVSGSPGQSITISCTGTSDDVGGYNYVSWYQ 180
QY 171 YPQKAPKLLIYDVSNRPSGINSRFGSKSGDTSASLTISGLQAEADYVCSF-ANSGP 229
Dd 181 HPQKAPKLLIYEGSKRPSGINSRFGSKSGDTSASLTISGLQAEADYVCSFTSTRV 240
QY 230 FGGGGTKVTVL 239
Dd 241 FGGGGTKLTVL 250

RESULT 9
US-09-880-748-955

Query Match      87.2%; Score 1089.5; DB 10; Length 251;
Best Local Similarity 83.6%; Pred. No. 2.8e-71;
Matches 209; Conservative 14; Mismatches 16; Indels 11; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKLEWVAIVSYDGSNKYY 60
Dd 1 QVQLVSGGGVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKLEWVAIVSYDGSNKYY 60
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Dd 1 EQVLVESGGGVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKLEWVAIVSYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYICARDR-----YFDLWGRGT 110
Dd 61 ADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYICARSHYDILITGLNYWYFDLWGRGT 120
QY 111 VTSSGGGGGGGGGGGSGQSALTQTPASVSGSPGQSITISCTGTSDDIGAYNYVSWYQ 170
Dd 121 VTSSGGGGGGGGGGGSGQSALTQTPASVSGSPGQSITISCTGTSDDVGGYNYVSWYQ 180
QY 171 YPQKAPKLLIYDVSNRPSGINSRFGSKSGDTSASLTISGLQAEADYVCSF-ANSGP 229
Dd 181 HPQKAPKLLIYEGSKRPSGINSRFGSKSGDTSASLTISGLQAEADYVCSFTSTRV 240
QY 230 FGGGGTKVTVL 239
Dd 241 FGGGGTKLTVL 250

RESULT 8
US-09-880-748-1317
; Sequence 1317, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 1317
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1317

Query Match      87.2%; Score 1089.5; DB 10; Length 251;
Best Local Similarity 83.6%; Pred. No. 2.8e-71;
Matches 209; Conservative 14; Mismatches 16; Indels 11; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKLEWVAIVSYDGSNKYY 60
Dd 1 QVQLVSGGGVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKLEWVAIVSYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYICARDR-----YFDLWGRGT 110
Dd 61 ADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYICARSHYDILITRLNYWYFDLWGRGT 120
QY 111 VTSSGGGGGGGGGGGSGQSALTQTPASVSGSPGQSITISCTGTSDDIGAYNYVSWYQ 170
Dd 121 VTSSGGGGGGGGGGGSGQSALTQTPASVSGSPGQSITISCTGTSDDVGGYNYVSWYQ 180
QY 171 YPQKAPKLLIYDVSNRPSGINSRFGSKSGDTSASLTISGLQAEADYVCSF-ANSGP 229
Dd 181 HPQKAPKLLIYEGSKRPSGINSRFGSKSGDTSASLTISGLQAEADYVCSFTSTRV 240
QY 230 FGGGGTKVTVL 239
Dd 241 FGGGGTKLTVL 250

RESULT 9
US-09-880-748-1317
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US-09-880-748-1114
; Sequence 1114, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PE523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1114
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1114

```

Query Match	87.1%;	Score 1088.5;	DB 10;	Length 251;
Best local Similarity	83.2%;	Pred. No. 3.4e-71;		
Matches 208;	Conservative 16;	Mismatches 15;	Indels 11;	Gaps 2;
QY	1	QVQLQESGGGLVQPGGSLRLCSAASGFTFSYSSYMSWVRQAPGKLEWAVIVSDGSKYY	60	
Db	1	EVQLVESGGGVQPGGSLRLCSAASGFTVNSYMEHWVRQAPGKLGLOWAVIVSDGSKYY	60	
QY	61	ADSVKGRFTISRDNSKNTLYIQMNSLRASEDTAVYYCARDR-----YFDLWGRGPL	110	
Db	61	ADSVKGRFTISRDNSKNTLYIQMNSLRASEDTAVYYCARSHYDILTGLNYYVFDLWCGQTT	120	
QY*	111	VTVSSGGGGGGGGGGGGGSGSALTOPASVSGSGPQISITISCTGTSSDIDGAYNVSWTQQ	170	
Db	121	VTVSSGGGGGGGGGGGGGSGSVLTQPASVSGSGPQISITISCTGTSSDVGGYNYVSWTQQ	180	
QY	171	YFCRAKPLLIYDVSNRPGISNRPFSKSGKGDTSITITSLGQADEADYYCSFP-ANSQPL	229	
Db	181	HFGRAKPLMIYEGSKRPPGSNRPFSKSGKNTASITITSLGQADEADYYCSYTTSTRV	240	
QY	230	FGGGTKVTVL	239	
Db	241	FGGGTKLTVL	250	

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RESULT 10
US-03-880-748-1003
; Sequence 1003, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind BlyS
; FILE REFERENCE: PFS23
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1003
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1003

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Query Match      86.8%; Score 1084.5; DB 10; Length 253;
Best Local Similarity 52.9%; Pred. No. 6.6e-71;
Matches 209; Conservative 14; Mismatches 16; Indels 13; Gaps 2

QY 1 QVQLQESGGGLVPGGSLRLCSAASGFTTSSYSMSWVRQAPGKLEWVAIVSYDGSNKYY 60
Db 1 QVQLQESGGGLVPGGSLRLCSAASGFTTSSYSMSWVRQAPGKLEWVAIVSYDGSNKYY 60
QY 61 ADSVKGRTTISRDNKNTLYIQMNSLEAEDTAVIYCARYFDL-----WGKG 108
Db 61 VDSVKGRTTISRDNKNTLYIQMNSLEAEDTAVIYCARYDQDQDILTYIHYGMDWGKG 120
QY 109 TLVTVSSGGGSGGGGSGGGGSGSALTQPASVSGSPGQSITTSCTGTGSDIGAVNYVSW 168
Db 121 TLVTVSSGGGSGGGGSGGGGSGSVLTQPASVSGSPGQSITTSCTGTSSDVGGINVSW 180
QY 169 QYFPGKAPKLLIYDVSNRPSGINSRPSGSKSGDTASLTISGLQAEDEADYCCSF-ANGS 227
Db 181 QQHFGKAPKLMITYESKRPSPGVSNRPSGSKSGNTASLTISGLQAEDEADYCCSYTTRST 240
QY 228 PLFGGGGTKVTVL 239
Db 241 RVFGGGTKLTVL 252

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RESULT 11
US-09-880-748-1332
; Sequence 1332, Application US/09880748
; Publication NO. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blyss
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1332
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1332

```

	Query Match	86.6%	Score 1082.5;	DB 10;	Length 251;
	Best Local Similarity	83.2%	Pred. NO. 9,1e-71;		
	Matches 208;	Conservative 14;	Mismatches 17;	Indels 11;	Gaps 2;
<hr/>					
QY	1 QVQLQESGGGLVQPQGSLRLSCAASGFTFSSYSMSWTRQAPKGLEWVAIVISVDGSNKYY 60	:	:	:	:
Db	1 EVQLVPGGGGVQPGRSLRSCAASGFTFSSYGMHWYTRQAPKGLEWVAIWDGSKKYY 60	:	:	:	:
<hr/>					
QY	61 ADSVKRGFTISRDNKNLYLQNNSLRADETAVYYCARDP-----YFDLWGRTLT 110	:	:	:	:
Db	61 ADSVKRGFTISRDNKNVYLQNNSLRADETGVYCARSHYDILTGLNMYFDLWGRTLT 120	:	:	:	:
<hr/>					
QY	111 VTVSGGGSGGGSGGGGSGQSALTQPAVSFGSPGQSTITCTGSTSDIGAINVYVSWYQQ 170	:	:	:	:

Db	121	VTVSSGGGGGGGGGGGGSSVITQTPASVSGSPQGSITISCTGTSDYGGYNTVSWYQQ	180
QY	171	YGKAPKLLIYDVSNRPISGINSRPSGSKSDTASLTISGLQADEADYYCYSF-ANGSPL	229
Db	181	HFGKAPKLMYEGSKPSSGVNSRPSGSKSNATASLTISGLQADEADYYCYSYVTRSTRV	240
QY	230	FGGKTKVTVL	239
Db	241	FGGKTKLTVL	250

RESULT 12

```

US-09-880-748-1701
/ Sequence 1701, Application US/09880748
/ Publication No. US2003005937A1
/ GENERAL INFORMATION:
/ APPLICANT: Ruben et al.
/ TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
/ FILE REFERENCES: PF523
/ CURRENT APPLICATION NUMBER: US/09/880,748
/ CURRENT FILING DATE: 2001-06-15
/ PRIOR APPLICATION NUMBER: 60/212,210
/ PRIOR FILING DATE: 2000-06-15
/ PRIOR APPLICATION NUMBER: 60/240,816
/ PRIOR FILING DATE: 2000-10-17
/ PRIOR APPLICATION NUMBER: 60/276,248
/ PRIOR FILING DATE: 2001-03-16
/ PRIOR APPLICATION NUMBER: 60/277,379
/ PRIOR FILING DATE: 2001-03-21
/ PRIOR APPLICATION NUMBER: 60/293,499
/ PRIOR FILING DATE: 2001-05-25
/ NUMBER OF SEQ ID NOS: 3239
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 1701
/ LENGTH: 254
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-880-748-1701

```

```

Query Match      86.3%; Score 1079; DB 10; Length 254;
Best Local Similarity 81.8%; Pred.No.1.7e-70;
Matches 207; Conservative 18; Mismatches 14; Indels 14; Gaps 2;

QY   1 QVQLQESGGGLVPGGSLRLSCAASGFTFTSSYSMSWVRQAPGKGLEWAVVISDGSNKYY 60
     : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db    1 QVQLQESGGGLVPGGSLRLSCAASGFTFTSSYAMSWVRQAPGKLEWVAISLGGSGTYY 60
     : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY   61 ADSVKGRFTSRDNKNWLYIQMNSLRADETAVYYCARDRYF-----DLWGR 107
     : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db    61 ADSVKGRFTSRDNKNWLYIQMNSLRADETAVYYCAKDQTYDILTGHHYYYGMVDWGR 120
     : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY   108 GTLVTVSSGGGGGGGGGGGGGQSALTOPASVSGSPGQSIITICTGTSSDICAYNYSW 167
     : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db    121 GTMTVTSSGGGGGGGGGGGGGQSGLVLTQPASVSGSPGQSIITICTGTSSDVGVNYYSW 180
     : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY   168 YQQYPCKAPKLLIYDVSNRPGISINFPSSKGSKGDTASLTISGLQAEADPYCSSP-ANS 226
     : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db    181 YQHHPCKAPKLMIYEGSKRPSGVNFRPSSKGSGNTASLTISGLQAEADPYCSTYTRS 240
     : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY   227 GLPFGGGTKVTVL 239
     : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db    241 TRVPFGGGTKLTVL 253
     : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

```

RESULT 13

```

US-09-880-748-1759
; Sequence 1759, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind BlyS
; FILE REFERENCE: PF523

```

```

; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1759
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1759

Query Match      86.3%; Score 1079; DB 10; Length 254;
Best Local Similarity 82.2%; Pred.No.1.7e-70;
Matches 208; Conservative 16; Mismatches 15; Indels 14; Gaps 2

QY      1 QVQLQESGGGLVQPGGSLRLCSAASGFTTSSYMSWVRQAPGKGLEWAVVISYDGSNKYY 60
DB      1 QVQLVQSGGGVQPGGSLRLCSAASGFTTSSYGMHWVRQAPGKGLEWAVVISYDGSIKYY 60

QY      61 ADSVGRFTTIRSDNSKNTLYIQMNSLEAEDTAVYYCARDRYFDL-----WGR 107
DB      61 ADSVGRFTTIRSDNSKNTLYIQMNSLEAEDTAVYYCARDGSDYDILGTVYGVGGMVDWGR 120

QY      108 GTLVTVSGGGSGGGSGGGSGGSGSQAALTQPASVSGSPGQGITICTGTSDDIGAYNTVSW 167
DB      121 GTMTVTVSGGGSGGGSGGGSGGSGSQAALTQPASVSGSPGQGITICTGTSDDIGAYNTVSW 180

QY      169 YQYQYGPAPKPLIYDVSNRPGLISNRPFGSKSGKDTASLTISGLQAEADADYVCSSP-ANS 226
DB      181 YQYHGPAPKPLMTYEGSKRPSGNSNRPFGSKSGKNTASLTISGLQAEADADYVCSSYTTTRS 240

QY      227 GPLFGGGTKVTVL 239
DB      241 TRVFGGGTKLTVL 253

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PRECEDENT 14

```

RES001 43
US-09-880-748-1392
/ Sequence 1392, Application US/09880748
/ Publication No. US2003005937A1
/ GENERAL INFORMATION:
/ APPLICANT: Ruben et al.
/ TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
/ FILE REFERENCE: PF523
/ CURRENT APPLICATION NUMBER: US/09/880,748
/ CURRENT FILING DATE: 2001-06-15
/ PRIOR APPLICATION NUMBER: 60/212,210
/ PRIOR FILING DATE: 2000-06-15
/ PRIOR APPLICATION NUMBER: 60/240,816
/ PRIOR FILING DATE: 2000-10-17
/ PRIOR APPLICATION NUMBER: 60/276,248
/ PRIOR FILING DATE: 2001-03-16
/ PRIOR APPLICATION NUMBER: 60/277,379
/ PRIOR FILING DATE: 2001-03-21
/ PRIOR APPLICATION NUMBER: 60/293,499
/ PRIOR FILING DATE: 2001-05-25
/ NUMBER OF SEQ ID NOS: 3239
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 1392
/ LENGTH: 256
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-880-748-1392

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APPLICANT: RUDEN et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind BLyS

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/ NUMBER OF SEQ ID NOS: 3239
/ SOFTWARE: Patentin ver. 2.0
/ SEQ ID NO 881
/ LENGTH: 254
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-880-748-881

```

Marches	206;	Conservative	18;	Mismatches	14;	Indels	14;	Gaps	27;
QY	2	VOLQBSGGGVLPQBSGLRLS	CAASGTTFSYMSGVNQAPKGL	EWAVL	SYDGSNKYYA	61			
Db	2	VOLVOSGGGVVQBSRLKVS	CAASGTTFSYAMHWHVQAPKGL	EWAVL	SYDGNKKYYA	61			
QY	62	DSVKGRFTISRDNSKNTLYLQMSLRA	EADTAVYVCARDRYFLD	-----WGKG	108				
Db	62	DSVKGRFTISRDNSKNTLYLQMSLRA	EADTAVYVCARESGYDIL	GTGYVGVGRMDVWGKG	121				
QY	109	TLVTVVSGGGSGGGSGGGSGG	QSAL	TPASVSGSPQGSIT	CTGTGSSDIGAVNTVSVY	168			
Db	122	TLVTVVSGGGSGGGSGGGSGG	QSULT	TPASVSGSPQGSIT	CTGTSSDVGGYNTVSVY	181			
QY	169	QYVPKAPKLLIYDVSNRPSGI	SNRFSGSGSGDTASLT	ISGLQAEDEADYYC	SGSF-ANSG	227			
Db	182	QOHPKAPKLMITYEGSKRPSG	SNRFSGSGSGNTASLT	ISGLQAEDEADYYC	SYTTRST	241			
QY	228	PLFGGKTQVTVL	239						
Db	242	RVFGGKTQLTVL	253						

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QY      228 PLEGGTKITVL 239
      :|||||:||||
Db      242 RVFGGTKITVL 253

RESULT 17
US-09-880-748-1007
; Sequence 1007, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind BlyS
; FILE REFERENCE: PPS23
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248

```

Query Match 85.9%; Score 1073.5; DB 10; Length 253;
Best Local Similarity 82.1%; Pred. No. 4.1e-70;
Matches 207; Conservative 14; Mismatches 18; Indels 13; Gaps 2;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKLEWVAVISYDGSNKYY 60
Db 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYMWGVRQAPGKLEWVAVIKDGSSEKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--DLYFDLWGRGTLVTVSSGG 108
Db 61 VDSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--DLYFDLWGRGTLVTVSSGG 120
QY 109 TLVTVSSGGGSGGGSGGSGSALTQTPASVSGSPQSITISCTGTSDDIGAYNVVSWY 168
Db 121 TLVTVSSGGGSGGGSGGSGSALTQTPASVSSFCQSITISCTGTSDDIGAYNVVSWY 180
QY 169 QQYPGKAPKLLIYDVSNRPSGINSRFSKSGDTSALTISGLQAEADYVCSF-ANSG 227
Db 181 QQHPGKAPKLLIYEGSKRPSGVNRFSGKSGNTASLTISGLQAEADYVCSYTRST 240
QY 228 PLFGGKTKTVL 239
Db 241 RVPGGTKTVL 252
RESULT 18
US-09-880-748-1910
; Sequence 1910, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1910
; LENGTH: 244
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1910

Query Match 85.8%; Score 1072; DB 10; Length 244;
Best Local Similarity 85.2%; Pred. No. 5.1e-70;
Matches 207; Conservative 14; Mismatches 18; Indels 4; Gaps 2;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKLEWVAVISYDGSNKYY 60
Db 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYMWGVRQAPGKLEWVAVIKDGSSEKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--DLYFDLWGRGTLVTVSSGG 117
Db 61 ADSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAKGMWDFYMGRTVAVTVSSGG 120
QY 118 GSGGGSGGSGGSGGSGSALTQTPASVSGSPQSITISCTGTSDDIGAYNVVSWYQOYPGKAPK 177
Db 121 GSGGGSGGSGGSGGSGSALTQTPASVSGSPQSITISCTGTSDDIGAYNVVSWYQOHPGKAPK 180
QY 178 LLIYDVSNRPSGINSRFSKSGDTSALTISGLQAEADYVCSF-ANSGPLFGGKTKV 236
Db 181 LMIYEGSKRPSGVNRFSGKSGNTASLTISGLQAEADYVCSYTRSTRVFGGKTKL 240
QY 237 TVL 239
Db 241 TVL 243
RESULT 19
US-09-880-748-977
; Sequence 977, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 977
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-977

Query Match 85.4%; Score 1067; DB 10; Length 254;
Best Local Similarity 82.5%; Pred. No. 1.2e-69;
Matches 208; Conservative 15; Mismatches 15; Indels 14; Gaps 3;
QY 2 VQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKLEWVAVISYDGSNKYYA 61
Db 2 MQLVESGGGVQPGSRSLRLSCAASGFTFSYAMHWVRQAPGKLEWVAVISYDGSNKYYA 61
QY 62 DSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--RYFDL-----WGRG 108
Db 62 DSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAVEVNDLLTSYLAGLNDWGG 121
QY 109 TLVTVSSGGGSGGGSGGSGSALTQTPASVSGSPQSITISCTGTSDDIGAYNVVSWY 168
Db 122 TLVTVSSGGGSGGGSGGSGSALTQTPASVSGSPQSITISCTGTSDDIGAYNVVSWY 181
QY 169 QQYPGKAPKLLIYDVSNRPSGINSRFSKSGDTSALTISGLQAEADYVCSF-ANSG 227
Db 182 QQHPGKAPKLLIYEGSKRPSGVNRFSGKSGNTASLTISGLQAEADYVCSYTRST 241
RESULT 18
US-09-880-748-1910
; Sequence 1910, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1910
; LENGTH: 244
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1910

QY 228 PLFGGKTKVTVL 239
; :|||||:|
Db 242 RVFGGKTKVTVL 253

RESULT 20

US-09-880-748-2047
; Sequence 2047, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2047
; LENGTH: 240
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-2047

Query Match 85.2%; Score 1065; DB 10; Length 240;
Best Local Similarity 85.4%; Pred. No. 1.6e-69;
Matches 205; Conservative 15; Mismatches 18; Indels 2; Gaps 2;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWAVISYDGNKY 60
Db 1 EVQLVESGGGVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWAVISYDGNKY 60
QY 61 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCARDYFDLGRGTLTVTVSSGGGGS 120
Db 61 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCA-SLAPDNGKSTLTVTVSSGGGGS 119
QY 121 GGGSGGGGSGSALTPQASVSGSPGQSITISCTGTSSDIGNYVSWYQVPGKAPKLI 180
Db 120 GGGSGGGGSGSGLVLTQPASVSGSPGQSITISCTGTSSDIGNYVSWYQVPGKAPKLI 179
QY 181 YDVSNRPISGNRPSGSGSDTASLTISGLQAEDEADYVCSGF-ANSGPLFGGKTKVTVL 239
Db 180 YEGSKRPISGNRPSGSGSGNTASLTISGLQAEDEADYVCSYTRSTRVFGGKTKVTVL 239

RESULT 21

US-09-880-748-1428
; Sequence 1428, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1428
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1428

Query Match 85.2%; Score 1065; DB 10; Length 254;
Best Local Similarity 81.0%; Pred. No. 1.7e-69;
Matches 205; Conservative 19; Mismatches 15; Indels 14; Gaps 3;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWAVISYDGNKY 60
Db 1 EVQLVESGGGVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWAVISYDGNKY 60
QY 61 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCARDYFDL-----WGR 107
Db 61 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCAKDGYTIDILTGYNOYGMVWGR 120
QY 108 GTLVTVSSGGGSGGGGSGGSGSALTPQASVSGSPGQSITISCTGTSSDIGNYVSW 167
Db 121 GTWTVTVSSGGGSGGGGSGGSGSGLVLTQPASVSGSPGQSITISCTGTSSDIGNYVSW 180
QY 168 YQVYPGKAPKLIYDVSNRPISGNRPSGSGSDTASLTISGLQAEDEADYVCSGF-ANS 226
Db 181 YQVYPGKAPKLIYEGSKRPISGNRPSGSGSGNTASLTISGLQAEDEADYVCSYTRTS 240
QY 227 GPLFGGKTKVTVL 239
Db 241 TRVFGGKTKVTVL 253

RESULT 22

US-09-880-748-1449
; Sequence 1449, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1449
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1449

Query Match 85.2%; Score 1064.5; DB 10; Length 253;
Best Local Similarity 81.8%; Pred. No. 1.8e-69;
Matches 207; Conservative 16; Mismatches 15; Indels 15; Gaps 3;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWAVISYDGNKY 60
Db 1 EVQLVESGGGLVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWAVISYDGNKY 59
QY 61 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCARDY-----FDLWGR 107
Db 60 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCARDRLHYDILTGHQTDADFWDGQ 119

US-09-880-748-1605

Query Match 84.9%; Score 1061.5; DB 10; Length 251;
Best Local Similarity 81.6%; Pred. No. 3e-69;
Matches 204; Conservative 17; Mismatches 18; Indels 11; Gaps 2;

QY 1 QVQLQSGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKLEWAVISYDGSNKYY 60
DB 1 EVQLVDSGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKLEWAVISYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQWNSLRADTAIVYCARDY-----FDLWGRGL 110
DB 61 ADSVKGRFTISRDNKNTLYLQWNSLRADTAIVYCARDY-----FDLWGRGL 120
QY 111 VTVSSGGGGGGGGGGGGGQSALTQTPASVSGSPGQSITISCTGSSDYGAINVYVSWYQ 170
DB 121 VTVSSGGGGGGGGGGGGGQSALTQTPASVSGSPGQSITISCTGSSDYGAINVYVSWYQ 180
QY 171 YPKGAPKLLIYDVNSRPSGINSRFSKSGSGDTASLTISGLQAEADYVCSYF-ANSGPL 229
DB 181 HPKAPKLLIYDVNSRPSGINSRFSKSGSGDTASLTISGLQAEADYVCSYF-ANSGPL 240
QY 230 FGGGTQTVL 239
DB 241 FGGGTQTVL 250

RESULT 26

US-09-880-748-1337
; Sequence 1337, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 1337
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Homo sapiens

US-09-880-748-1337

Query Match 84.9%; Score 1061.5; DB 10; Length 253;
Best Local Similarity 80.2%; Pred. No. 3e-69;
Matches 202; Conservative 23; Mismatches 14; Indels 13; Gaps 2;

QY 1 QVQLQSGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKLEWAVISYDGSNKYY 60
DB 1 QVQLVDSGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKLEWAVISYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQWNSLRADTAIVYCARDY-----YFDLWGRG 108
DB 61 ADSVKGRFTISRDNKNTLYLQWNSLRADTAIVYCARDY-----YFDLWGRG 120
QY 109 TLTVSSGGGGGGGGGGGGGQSALTQTPASVSGSPGQSITISCTGSSDYGAINVYVSWY 168
DB 121 TMTVSSGGGGGGGGGGGGGQSALTQTPASVSGSPGQSITISCTGSSDYGAINVYVSWY 180
QY 169 QQYFGKAPKLLIYDVNSRPSGINSRFSKSGSGDTASLTISGLQAEADYVCSYF-ANSG 227
DB 169 QQYFGKAPKLLIYDVNSRPSGINSRFSKSGSGDTASLTISGLQAEADYVCSYF-ANSG 227

DB 181 QQHFGKAPKLLIYEGSKRPSGVNSRFSKSGSGDTASLTISGLQAEADYVCSYF-ANSG 240
QY 228 PLFGGTQTVL 239
DB 241 RVFGGTQTVL 252

RESULT 27

US-09-880-748-1314
; Sequence 1314, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 1314
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo sapiens

US-09-880-748-1314

Query Match 84.9%; Score 1061; DB 10; Length 246;
Best Local Similarity 81.6%; Pred. No. 3.2e-69;
Matches 200; Conservative 23; Mismatches 16; Indels 6; Gaps 2;

QY 1 QVQLQSGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKLEWAVISYDGSNKYY 60
DB 1 EVQLMETGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKLEWAVISYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQWNSLRADTAIVYCARDY-----FDLWGRGLTVVSS 115
DB 61 ADSVKGRFTISRDNKNTLYLQWNSLRADTAIVYCARDY-----FDLWGRGLTVVSS 120
QY 116 GGGGGGGGGGGGGGGQSALTQTPASVSGSPGQSITISCTGSSDYGAINVYVSWYQYFKA 175
DB 121 GGGGGGGGGGGGGGGQSALTQTPASVSGSPGQSITISCTGSSDYGAINVYVSWYQYFKA 180
QY 176 PKLLIYDVNSRPSGINSRFSKSGSGDTASLTISGLQAEADYVCSYF-ANSGPLFGGT 234
DB 181 PKLLIYDVNSRPSGINSRFSKSGSGDTASLTISGLQAEADYVCSYF-ANSGPLFGGT 240
QY 235 KTVL 239
DB 241 KTVL 245

RESULT 28

US-09-880-748-1673
; Sequence 1673, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816

